Work Orde Thursday, Februa			·	*976	646*	·						Page 1
Revision ID:	D4030-041	ssembly (350)		Accept	*N900	<u>040</u>	100)*	Setup	Start Stop	*N	S1* S2*
	2/21/2013	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	ID:		عمر		,	IV.	
Approvals:	Process Plan		Date: /	Tooling: SPC (Y/N):		ate:		I	Run	Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID		Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp
Draw Nbr	Revi	ision Nbr		* .								
D4030	С				•							
*100 *100* Packaging Packaging		Pick Kit Memo		0.00		,		/×			\~	-SP 3-3-
*110 * 1 1 N * HandFinish Hand Finishing			t label plate to size of D4086 for label, apply label ****	0.00 0.00 label, use scotchbrite re	d pad to lightly				\$_ _	B	<i>'\B</i> -3	3-22
120 *170* QC Quality Control		QC5- Inspect part com	pleteness to step on W/O	0.00 5 (3/6	3/26	·		(iv)				·

NCR: \	Yes /	No				WORK ORDER NON-	CONF	FORM	MANCE / UP	DATE			
											QA Closed:	Date	•
Work Orde	er:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
						Rework Scrap]		Skid-tube Machining	Crosstube Small Fab	Pro	Water Jet d. Eng. Coor.	EngineeringQuality
Turer	•••					Use-as-is	┪╽.		noforming	Finishing	4	re/Packaging	Other
NCR N	No					Work Order Update			Large Fab	Composite		Supplier	
Root					Descri	ption of work order update	Ini	tial	Ac	tion	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Chie	f Eng	Desc	ription	Date	Verification	QC Inspector
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	— —		rimped.			Burrs	\mathbf{H}	•	ions Incomplete/	Unclear	Part Lost/M	 	Wrong Stock Pulled
	Cu		impea.			Contamination	-		enance	-	Part Moved		
		at Treat	t		 	Countersink		/lislabe			Positioned \		
			Strip in	Tube		Cut Too Short	\vdash	/lisreac			Power Loss/		Other
	_	ples in				Drill Holes		ffset		<u> </u>	_	~ <u>L</u>	
		•	aves in E	xtrusion	,	Drawing			Calibration		******		14. 1 May 2 May 2 May 1
		•				Finish	По	out of S	Sequence				
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Outside Dimensions

DQA: _____ Date: _

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Ord Thursday, Febru				*976	346*						Page 2
Item ID: Revision ID:	D4030-041	11 (250)		Accept	*N900	040	100)* s	etup Sta	1 7	S1*
Start Date: 2/21/2013 Required Date: 2/28/2013 Reference:		Assembly (350) Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:			Sto	r ^N	S2*
Approvals:		in:	Date:	Tooling: SPC (Y/N):		ate:		R	dun Star Sto	1/1	R1* R2*
Sequence ID/ Work Center I 130 *120* Packaging Packaging	D	Operation Description Identify as per dwg & Sto	ock Location:	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140 *140* QC Quality Control		QC21- Final Inspection - Memo	Work Order Release	0.00					<u> 13</u>	1/3/2 1/3/2	7

NCR:	Yes / No				WORK ORDER NON-C	CONFO	RMANCE / UI	PDATE			
									QA Closed:	Date	:
Work Orde	er:				DISPOSITION			AGAINST DE	PARTMENT	PROCESS	
Part N		<u> </u>			Rework Scrap Use-as-is Work Order Update	The	Skid-tube Machining rmoforming Large Fab	Crosstube Small Fab Finishing Composite	4	Water Jet d. Eng. Coor. e/Packaging Supplier	Engineering Quality Other
NCR N	NO				work Order Opdate	¹	raige ran	Composite	J	3upplier [_	
Root				Descri	ption of work order update	Initial	Α	ction	Sign &		
Cause	Date	Step	Qty	-	or Non-conformance	Chief Er	ng Des	cription	Date	Verification	QC Inspector
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Equip/Tooling											
Operator											
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Other	^``										
Process					•						
Supplier											
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	Crushed/	Crimped		-	Burrs		uctions Incomplete	e/Unclear	Part Lost/M	<u> </u>	Wrong Stock Pulled
	Cuffs	J	•		Contamination	-	itenance		Part Moved	· _	
	Heat Trea	at		-	Countersink	⊢ ⊣	beled	<u> </u>	Positioned \	Vrong	
	Inspectio		Tube		Cut Too Short	Misre			Power Loss/	_	Other
	Ripples in				Drill Holes	Offse		L	-		
	Torque Waves in Extrusion		n	Drawing	Out	of Calibration		*******			
	Turning Sequence				Finish	Out	of Sequence				

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

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Picklist Print

Thursday, February 21, 2013 10:24:01 AM

Work Order ID: 97646

97646

D4030-041 Parent Item:

D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/21/2013

Required Date: 2/28/2013

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:A new issue DD 10.03.23 verified by:EC

IPP Rev:B as

per dwg revB DD 10.04.20 verified by:EC

IPP Rev:C as per dwg

revC DD 10.08.18 verified by:EC

IPP Rev D 12.03.27 per NCR12-

1239 EC verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4086-200		Manufactured	No				Each	15.0000		1	*.	,	
*D4086-20 Placard, Max Load	70 *								**		SP		
				Location		Loc	<u>Qty</u>	Loc Code					
				ST093			15		***		_		
					88611		5		_	1. /	_		
D2520		Mari Control	No	-	96251	100	10 Fach	5 0000	_	, (X	_		
D2530 *D2530* Handle Weldment		Manufactured	NO			100	Each	5.0000	**	13	969	538	80.
				Location		Loc	<u>Otv</u>	Loc Code					
				ST255			5		_		_		
					94474		5		_				
D2535		Manufactured	No			100	Each	110.0000	2	2			
D2535									**	S	P)	<u>3 -3</u>	-91
				Location		<u>Loc</u>	<u>Qty</u>	Loc Code					
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					86333		10				_		
					92570		50			Δx	_		

50

										DQA:	Date:	
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Work Orde	lo				Rework Scrap Use-as-is		r	Skid-tube Machining Moforming	Crosstube Small Fab Finishing	-1	Water Jet d. Eng. Coor e/Packaging	Engineering Quality Other
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Root				Descri	ption of work order update	Ī	nitial	Act	tion	Sign &		
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Operator												
Material												
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Process				'								
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Training												
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						AUL	T CATE	GORY				
Landii	ng Gear				General		Grain		_	Ovalized	ļ	Pressure/Forced
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	Cracks	C;			Broken/Damaged Burrs	\vdash	l '	on incomplete/ ions incomplete/	Unclear	Part Lost/M	}	Wrong Stock Pulled
	Crushed/ Cuffs	Crimpea.		-	Contamination	\vdash	Mainte	•	Officieal	Part Moved	1551118	
	Heat Trea	. +		-	Countersink	\vdash	Mislabe		<u> </u>	Positioned \	Vrong	
	Inspection		Tubo	. -	Cut Too Short		Misread		<u> </u>	Power Loss/	· ·	Other
	Ripples in		Tube	-	Drill Holes	\vdash	Offset	•		J. 044Ci C033/		1
	Torque W		Extrusio	<u>,</u>	Drawing		ł	Calibration				
	LIDIARE M	aves in t	- 10 0310		Lordaning		10000					

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Finish

Folio

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Thursday, February 21, 2013 10:24:01 AM

Work Order ID: 97646 *97646* Parent Item: D4030-041 *D4030-041* Parent Item Name: Long Basket Assembly (350) **Start Date: 2/21/2013** Required Date: 2/28/2013 Start Qty: 1.00 Required Qty: 1.00 D2537 100 98.0000 2 Manufactured Each 2 ** *D2537* Bushing Location Loc Qty Loc Code ST011 98 34 <u>87524</u> 92711 24 94713 40 D3913-041 100 Manufactured No Each 0.0000 97640 ** *D3913-041* Long Basket Base Assemby, 350 D3914-041 No 100 0.0000 Manufactured Each ** 97639 Long Basket Lid Assembly (350) D3917-3 100 90.0000 Manufactured No Each 6 6 ** *D3917-3* Location Loc Qty Loc Code ST072 90 92514 29 94136 5 94137 6 94643 50

NCR:	Yes	/ No				WORK ORDER NON-O		NFORM	MANCE / UPI	DATE			
											QA Closed:	Date:	
Work Ord	er.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part f	۷o.					Rework Scrap Use-as-is	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Thern	Skid-tube Machining noforming	Crosstube Small Fab Finishing	- i	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
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Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved	ed										ż		
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Landi	ng (Gear				General		,		,	7		7
		Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples in	Crimped at n Strip in i Bend	Tube		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Instruct Mainte Mislabe Misread Offset	ion Incomplete cions Incomplete/l enance eled d	Unclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned N Power Loss/	ct issing Wrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Torque W			n	Drawing	L	4	Calibration				
		Hurning S	rning Sequence			Finish	1	JOut of S	Sequence				

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Thursday, February 21, 2013 10:24:01 AM

Work Order ID: 97646

97646

Parent Item:

D4030-041

D4030-041

Parent Item Name: Long Basket Assembly (350)

Start Date: 2/21/2013

Required Date: 2/28/2013

Start Qty: 1.00

Required Qty: 1.00

D3953-3

Manufactured

Manufactured

Manufactured

No

No

100

Each 45.0000

2

**

Gas Spring Stud, Lid

Location GA ST076

87592 88494 94744

44 14 30 100 Each

Loc Qty

57.0000 **

Loc Code

Loc Code

2

2x

2

Spring Spacer

D3953-7

D3953-9

Location No

ST076 88393 89248 94669 100 Loc Qty Loc Code 57 5 12 40 95.0000 Each

2

**

Gas Spring Washer

Location ST076 94719 95127

Loc Qty 95 50 45

										DQA:	Date:	
NCR:	Yes / No				WORK ORDER NON-C	CON	FORN	ANCE / UPI	DATE			
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Work Orde	er:				DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
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	Crushed	I/Crimped			Burrs	H,	nstruct	ions Incomplete/l	Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs	•			Contamination		Mainte	nance		Part Moved	<u></u>	-
Ì	Heat Tre	eat			Countersink		Mislabe	led		Positioned V	Vrong	
	Inspecti	on Strip in	1 Tube		Cut Too Short		Misread			Power Loss/	Surge	Other
ĺ	Ripples	in Bend			Drill Holes		Offset					
	Torque	Waves in I	Extrusio	n 「	Drawing		Out of C	Calibration				

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

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ST262

									DQA:	Date:	
NCR: Y	es / No				WORK ORDER NON-O	CONFOR	MANCE / UP	DATE	OA Clasadi	Data	
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Mork Ordo					DISPOSITION	ł		AGAINST DE	PARTMENT	/PROCESS	
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Part N	n				Scrap	1	Machining	Small Fab	Pro	d. Eng. Coor.	Quality
raiti					Use-as-is	Ther	moforming	Finishing	4	re/Packaging	Other
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Cause	Date	Step	Qty	(or Non-conformance	Chief En	g Desc	ription	Date	Verification	QC Inspector
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[Crushed/	Crimped.			Burrs	Instru	ctions Incomplete/	'Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination	Main	tenance		Part Moved		
	Heat Trea	at			Countersink	Mislal	peled		Positioned \	Wrong	
	Inspectio	n Strip in	Tube		Cut Too Short	Misre	ad		Power Loss,	/Surge	Other
	Ripples in	Bend			Drill Holes	Offset					

Out of Calibration
Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

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Parent Item: D4030-041 *D4030-041* *D4030-041* *D4030-041* *D4030-041* *D4030-041* *D4030-041* *D4030-041* *Start Date: 2/21/2013 Required Date: 2/28/20 Required Date: 2/28/20 Required Qty: 1.00 AN3-14A Purchased No 100 Each 157,0000 4 4 *AN3-14A* Bot Location Loc Otv Loc Code	Picklist Print Thursday, February 21, 2013 10	0:24:01 AM								Page
AN3-14A Bolt Location Loc Otv Loc Code ST352 57		t Assembly (350)								Required Date: 2/28/2013 Required Qty: 1.00
Location Loc Oty Loc Code ST352 ST512 100 ST512 100 ST512 100 ST512 ST	AN3-14A	Purchased	No		100	Each	157.0000	4	4	_
ST352 57							*	*		SP
AN3-16A Purchased No 100 Each 148.0000 2 2 *AN3-16A* Bolt Location Loc Qty Loc Code GA 47 117441 47 ST352 101 122407 51				ST352 ST512	<u>Lo</u>	57 57 100	Loc Code			
ANS-17A Purchased No 100 Each 151.0000 4 4 *ANS-17A Location Loc Oty Loc Code GA 47 117441 47 ST352 101	*AN3-16A*	Purchased	No	123707	100				2	- Sf
11741 47 ST352 101 122407 51 123900 50 AN5-17A Purchased No 100 Each 151.0000 4 4 *AN5-17A* Bolt Location Loc Oty Loc Code GA 36 117872 36				Location	<u>Lo</u>	c Oty	Loc Code			•
ST352 101 122407 51 123900 50 AN5-17A Purchased No 100 Each 151.0000 4 4 *AN5-17A* Solt Location GA 36 117872 36						47				
122407 51 3X 123900 50 ANS-17A Purchased No 100 Each 151.0000 4 4 **AN5-17A* Solt Location Loc Oty Loc Code GA 36 117872 36										_
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Purchased No 100 Each 151.0000 4 4 *AN5-17A* Location Loc Oty Loc Code GA 36 117872 36				122407						<u>X</u>
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117872 36	•			Location	Lo	c Oty	Loc Code			
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ST337 115				117872		36				_
122416 5				ST337		115				_

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123831

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-	100	NFORI\	MANCE / UPDATE				
						,					QA Closed:	Date:	
Work Orde	o.r.					DISPOSITION			AG	AINST DE	PARTMENT,	/PROCESS	
	_					Rework				stube	_	Water Jet	Engineering
Part N	۱o					Scrap	4		\sim	all Fab	1	d. Eng. Coor.	Quality
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Root					Descri	ption of work order update		Initial	Action		Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Description		Date	Verification	QC Inspector
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	${f -}$	leat Trea			<u> </u>	Countersink	-	Mislabe		ļ	Positioned \		704
	\vdash	nspection	-	Tube		Cut Too Short	<u> </u>	Misread	I	<u> </u>	Power Loss/	'Surge	Other
	F	Ripples in	pples in Bend		1	Drill Holes	1	Offset					

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

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Thursday, February 21, 2013 10:24:01 AM

Work Order ID: 97646		*97646*			
Parent Item: D4030-041		*D4030-04	1*		
Parent Item Name: Long Basket	Assembly (350)		•	Start Date: 2/21/2013 Start Qty: 1.00	Required Date: 2/28/2013 Required Qty: 1.00
AN4-12	Purchased	No	100 Each	51.0000 3 3	
AN4-12				**	SP .
		Location	Loc Oty	Loc Code	
		ST356 122800	· 51	-3×	_
AN310-4	Purchased	No	100 Each	120.0000 3 3	
AN310-4				**	SF
		Location	Loc Oty	Loc Code	
		ST342	120		_
		122800	2		
		123900 124221	18 100	3/	 ,
AN310C4	Purchased	No	100 Each	118.0000 2 2	
AN310C4				**	SP13-3-21.
		Location	Loc Otv	Loc Code	
		ST342	118		_
		123831	18		
•		124221	100		(_

NCR: Y	es / No				WORK ORDER NON-CONFORMANCE / UPDATE								
	•									QA Closed:	Date		
Work Orde	er:			·	DISPOSITION				AGAINST DE	PARTMENT/	_	- F	
Part N					Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			Water Jet Engineering Prod. Eng. Coor. Quality Rec/Store/Packaging Other Supplier			
Root		1	l	Descri	ption of work order update	Initial Action			n	Sign &	='N	<u> </u>	
Cause	Date	Step	Qty		or Non-conformance	4	f Eng	Descrip		Date	Verification	QC Inspector	
Doc/Data		<u> </u>											
Equip/Tooling									-				
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Setup [
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Process		1											
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Landing Gear General									r—	1 .	_	· · · · · · · · · · · · · · · · · · ·	
}	Bending				Bend	—	rain			Ovalized	⊢	Pressure/Forced	
}	 	Centre Not Concentric to O/S			BOM/Route	\vdash	ardwa		ļ	Over/Under	⊢	Temperature/Cure	
	—	Cracks			Broken/Damaged	\vdash		on Incomplete		Part Incorred		Weld	
		Crushed/Crimped.			Burrs	$\boldsymbol{\vdash}$		ions Incomplete/Un	ıclear	Part Lost/Mi	ssing	Wrong Stock Pulled	
-		Cuffs			Contamination	\vdash		enance		Part Moved			
	Heat Trea			<u> </u>	Countersink	\mathbf{H}	1islabe 		<u> </u>	Positioned V	· ·	7045	
}	Inspection		Tube		Cut Too Short		iisreac	1	<u> </u>	Power Loss/	Surge	Other	
}	Ripples in			\vdash	Drill Holes		ffset	5 114 · ·			 		
-	Torque W		xtrusio	[^] ⊢	Drawing	\vdash		Calibration					
	Turning Sequence				Finish	Шº	ut of S						

Outside Dimensions

DQA:

Wave/Twist in Tube

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

700

700

ST506

NCR: Y	'es / No				WORK ORDER NON-C	CONF	ORN	MANCE / UP	DATE	QA Closed:	Date:	
 					DISPOSITION	T			AGAINST D	EPARTMENT,		
Work Orde	er:				DISPOSITION				AGAINST D		/FROCE35	
					Rework	Skid-tube Crosstube				Water Jet	Engineering	
Part N	lo.				Scrap	Scrap Machining Small Fat				Pro	d. Eng. Coor.	Quality
					Use-as-is] -	Therm	oforming	Finishing	Rec/Sto	Other	
NCR N	lo				Work Order Update Large Fab Composite				Composite		Supplier	
	<u>r</u>	T				1			A:	C: 0		
Root		, .	۵.		ption of work order update		tial		tion	Sign &	Varification	OCInchastar
Cause	Date	Step	Qty	(or Non-conformance	Chie	f Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling	_										,	
Operator	_									1		
Material	-									İ		
Setup	4											·
Other											:	
Process												
Supplier	_											
Training	_										5 	
Unapproved		L	L			AULT	CATE	CORV				
Landir	ng Gear				General	AULI	CATE	30111			· · · · · · · · · · · · · · · · · · ·	
[Bending				Bend	П	irain		Γ	Ovalized		Pressure/Forced
ŀ		nt Concer	ntric to 1		BOM/Route	-	ardwa	re		Over/Under	tolerance	Temperature/Cure
•	Centre Not Concentric to O/S Cracks				Broken/Damaged			on Incomplete		Part Incorre	 	Weld
	Cracks Crushed/Crimped				Burrs		•	ions Incomplete/	'Unclear	Part Lost/M	⊢	Wrong Stock Pulled
ł	Crushed/Crimped. Cuffs				Contamination	\vdash		nance		Part Moved		_
ţ	Heat Treat			ļ	Countersink	\vdash	1islabe			Positioned \		
ŀ	Inspection		Tube		Cut Too Short	\vdash	1isread		F	Power Loss/	_	Other
ŀ	Ripples in				Drill Holes	\vdash	ffset		L	·	-	
ŀ	Torque Waves in Extrusion				Drawing	Out of Calibration						

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Shop Packet Print

Page 8

Picklist Print

Thursday, February 21, 2013 10:24:01 AM

							DQA:	Date:			
NCR: Yes	s / No			WORK ORDER NON-	CONFOR	MANCE / UPDATE	QA Closed:	Date:			
Work Order:				DISPOSITION	1	promiserang	AGAINST DEPARTMENT/PROCESS				
Part No.				Rework Scrap Use-as-is	1	Skid-tube Crossto Machining Small noforming Finish Large Fab Compo	Fab Pro	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other		
NCR No.				Work Order Update]	site	Supplier				
Root				Description of work order update	Initial	Action	Sign &				
Cause	Date	Step	Qty	or Non-conformance	Chief Eng	Description	Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup		1									

Landing Gear General Pressure/Forced Grain Ovalized Bend Bending Temperature/Cure BOM/Route Hardware Over/Under tolerance Centre Not Concentric to O/S Weld Broken/Damaged Inspection Incomplete Part Incorrect Cracks Wrong Stock Pulled Part Lost/Missing Crushed/Crimped. Burrs Instructions Incomplete/Unclear Maintenance Part Moved Cuffs Contamination Positioned Wrong Heat Treat Countersink Mislabeled Power Loss/Surge Other Misread Inspection Strip in Tube Cut Too Short Drill Holes Offset Ripples in Bend Out of Calibration Torque Waves in Extrusion Drawing Finish Out of Sequence Turning Sequence Folio Wave/Twist in Tube Outside Dimensions

FAULT CATEGORY

Other
Process
Supplier
Training
Unapproved

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print Thursday, February 21, 20.	13 10:24:01 AM		-							Page 9
Work Order ID: 97646		*9764	6 *	*** **						
Parent Item: D4030-04	1		30-041°	k						
*	Basket Assembly (350)	1 14().)()-()4			Start	Date: 2	/21/2013	Required Date: 2/28/2	:013
						Star	t Qty: 1.	.00	Required Qty: 1.00	
NAS1149F0332P	Purchased	No		100	Each	10,560.00	8	8		
NAS1149F(1332P					*	*		SP.	
	,	<u>Loca</u>	t <u>ion</u>	<u>L</u> .	oc Qty	Loc Code				
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			122063		194				_	
		ST29	4		363				_	
			122063		363			7×	_	
		ST29			3				-	
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NAS1149C0432R	Purchased	No	123900	100	Each	2,818.000	2	2	-	
*NAS1149C		·				*	*		84	
Tr dailei		Loca	tion_	<u>L</u> .	oc Qty	Loc Code		13	-3-21.	

GA

ST292

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-C	O	NFORN	MANCE / UPI	DATE	QA Closed:	Date:	
Work Ord	or:					DISPOSITION			i, i, 1994.	AGAINST DE	PARTMENT	PROCESS	
	- . No.					Rework Scrap Use-as-is Work Order Update		Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			Pro Rec/Stor	Engineering Quality Other	
Root					Descri	ption of work order update	ı	Initial	Act	ion	Sign &		
Cause	Date Step Qty		c	or Non-conformance	Ch	ief Eng	Descr	ription	Date	Verification	QC Inspector		
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved							CORV						
							AUL	T CATE	JURY				
Landi		Gear Bending Centre Not Concentric to O/S Cracks Crushed/Crimped. Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend Torque Waves in Extrusion				General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misread Offset	on Incomplete ions Incomplete/ nance led	Unclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct sissing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Torque W	raves in E	xtrusio	n j	Intaming	L	Jour or c	-andration				

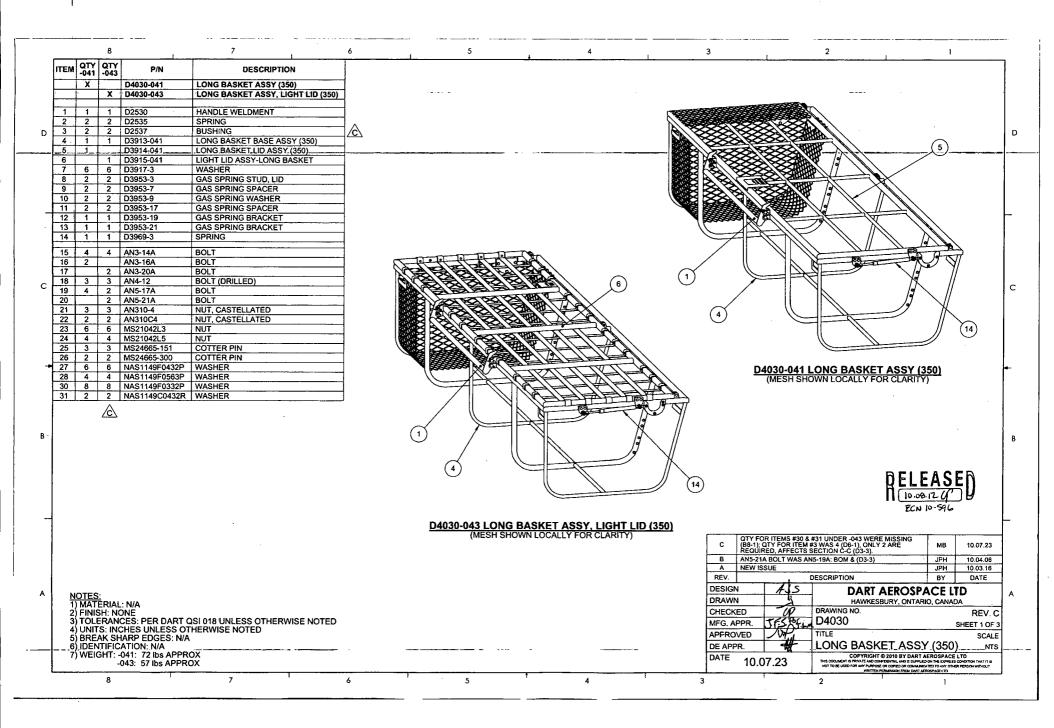
Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-C	10:	NFORM	MANCE / UP	DATE			
		•									QA Closed:	Date:	
Work Ord	or:					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
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						Use-as-is Thermoforming Finishing				Finishing	Rec/Sto	re/Packaging	Other
NCR I	No.					Work Order Update			Large Fab	Composite		Supplier	
	Posts Doses										I	r	·
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Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
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Equip/Tooling		4											
Operator													
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Process]
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Training										•			
Unapproved				<u> </u>			<u> </u>						
FAULT CATEGORY													
Landi	ing (Sear				General		,			3	_	7
		Bending				Bend		Grain			Ovalized	_	Pressure/Forced
		Centre No	ot Concei	ntric to	o/s	BOM/Route	<u></u>	Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged		4 '	on Incomplete		Part Incorre	-	Weld
		Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	'Unclear	Part Lost/M		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved		
		Heat Trea	it			Countersink		Mislabe	led	<u></u>	Positioned \	Wrong	-
l		Inspection	n Strin in	Tube	Γ	Cut Too Short	1	Misread	i	[Power Loss	/Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Drill Holes

Drawing

Finish Folio

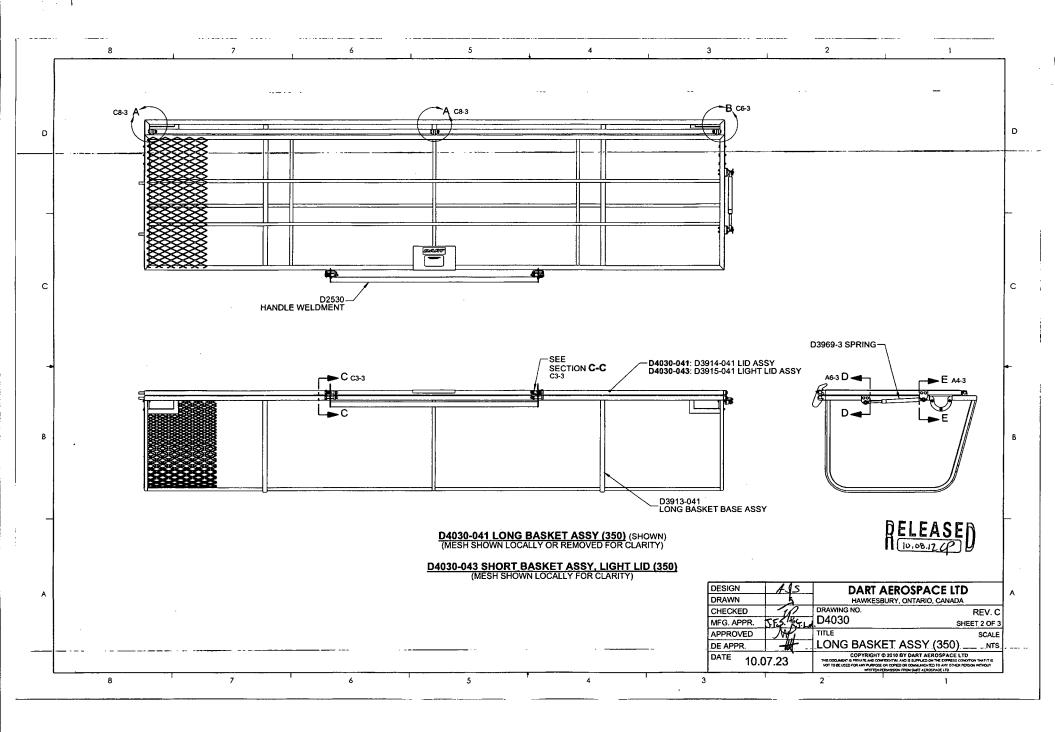
Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE Vork Order:											DQA:	Date:			
Work Order: Part No.	NCR: \	Yes / No)			WORK ORDER NON-	COI	VFORM	MANCE / UPDATE						
Work Order: Part No. Part No. Scrap Use-as-is Work Order Update Rework Cause Date Step Operator Other Other Other Other Other Training Unapproved Unapproved Date Date Date Date Date Date Date Date	,										QA Closed:	Date:			
Rework Scrap Use-as-is Work Order Update Use-as-is Work Order Update Cause Date Step Qty Or Non-conformance Chief Eng Description Doc/Data Equip/Tooling Operator Attending Setup Other Training Unapproved Unapproved Date Step Bending Bend Grain Ovalized Pressure/Forced P						DISPOSITION			AGAINST	. DE	PARTMENT/	PARTMENT/PROCESS			
Part No.	Work Orde	er:				Pawark	7		Skid tubo Crosstuba	\Box	1	Water let	Engineering		
NCR NO. Supplier Composite Composit	Dart N	Jo.									Pro	-	4 ·		
Root Cause Date Step Qty Or Non-conformance Chief Eng Description Of Work Order Update or Non-conformance Chief Eng Description Date Verification QC Inspector Doc/Data Equip/Tooling Operator Setup Chief Eng Description Date Verification QC Inspector Doc/Data Equip/Tooling Operator Inspector Inspector Doc/Data Equip/Tooling Operator Inspector Inspector Doc/Data Equip/Tooling Inspector Inspector Inspector Doc/Data Equip/Tooling Inspector Inspec	Paiti	vo				$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $				4	· · —	→ '⊨⇒			
Root Cause Date Step Qty Description of work order update or Non-conformance Chief Eng Description Date Verification QC Inspector Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved Description Date Verification QC Inspector FAULT CATEGORY Landing Gear General Bending Bend Grain Ovalized Pressure/Forced	NCR N	NCR No.				<u> </u>	1		~ — —	`├──	11.00,000		1 1		
Cause Date Step Qty or Non-conformance Chief Eng Description Date Verification QC Inspector Doc/Data Equip/Tooling Operator Material Setup Other Othe	Well I					Violitorial operator	_						· · · · · · · · · · · · · · · · · · ·		
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved FAULT CATEGORY FAULT CATEGORY Landing Gear General Grain Ovalized Pressure/Forced Process Contact	Root				Descri	ption of work order update		Initial	Action		Sign &				
Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved FAULT CATEGORY Landing Gear General Pressure/Forced	Cause	Date	Step	Qty		or Non-conformance	Ch	nief Eng	Description		Date	Verification	QC Inspector		
Operator Material Setup Other Process Supplier Training Unapproved Landing Gear Bending Bend Grain Ovalized Pressure/Forced	Doc/Data											•			
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Setup Other Process Supplier Training Unapproved Landing Gear Bending Bend Bend Grain Ovalized Pressure/Forced	Operator														
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Process Supplier Training Unapproved Training Gear Bending Bend Bend Bend Grain Grain Ovalized Pressure/Forced	Setup														
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Landing Gear General Bending Bend Grain Ovalized Pressure/Forced	Unapproved	L		<u> </u>							<u></u>	<u> </u>			
Bending Bend Grain Ovalized Pressure/Forced		<u>.</u>					AUI	T CATE	GORY						
	Landi					¬		1 _{Crain}			Oustised		Drossuro/Forcod		
		⊢ ⊣			~ 	- .	-	1		\vdash	4	taloranco	Temperature/Cure		
			Not Conce	ntric to	U/S -	-	-	-		-	₹.		⊣ '		
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			a/crimped	•	<u> </u>	╡	\vdash	-		\vdash	4	1221118	Twitong stock rulled		
Cuffs		—	oat		<u> </u>	≓	\vdash	┥		\vdash		Vrong			

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

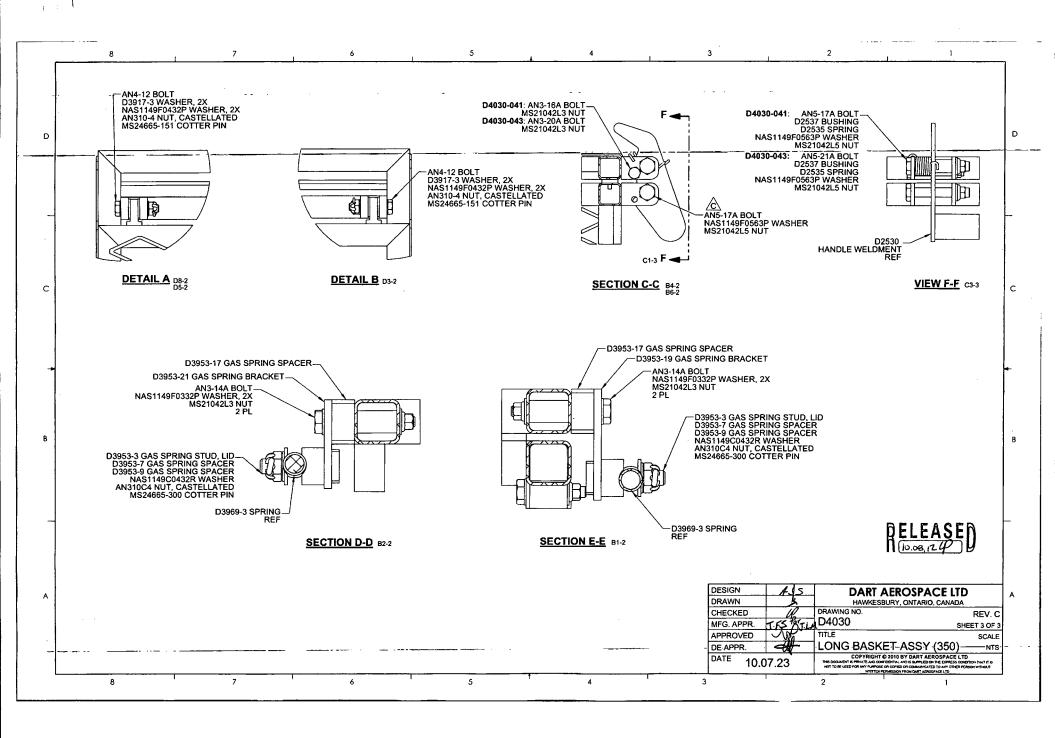
Drill Holes

Drawing

Finish

Folio

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DQA:	Date:	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

										QA Closed:	Date	;	
Work Orde	r·				DISPOSITION		AGAINST DEPARTMENT/PROCESS						
vvoik Oide					Rework	7		Skid-tube	Crosstube		Water Jet	Engineering	
/ Part N	0.				Scrap	1		Machining	Small Fab	Pro	d. Eng. Coor.	Quality	
					Use-as-is	1 	Thermoforming Finishing			2	re/Packaging	Other	
NCR N	0.				Work Order Update	1	Large Fab Composi			i .	Supplier	1 1	
Root				Descri	ption of work order update	Init	tial	Ac	ction	Sign &			
Cause	Date	Step	Qty		or Non-conformance	Chief	nief Eng Description			Date	Verification	QC Inspector	
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Material _							İ						
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Landing Gear General									ļ	1	Г	¬-	
-	Bending				Bend		rain			Ovalized	<u> </u>	Pressure/Forced	
-	Centre No	ot Conce	ntric to (^{D/S} . -	BOM/Route	\vdash	ardwa			Over/Under	-	Temperature/Cure	
-	Cracks Broken/Damaged					\vdash		on Incomplete		Part Incorre	<u> </u>	Weld i	
-	Crushed/0	Crimped.		<u> </u>	Burrs	\vdash		ons Incomplete	/Unclear	Part Lost/M	ssing	Wrong Stock Pulled	
<u> </u>	Cuffs			<u> </u>	Contamination			nance	<u> </u>	Part Moved			
-	Heat Treat Countersink					—	islabe			Positioned V		——————————————————————————————————————	
	Inspection Strip in Tube Cut Too Short				╡	\vdash	isread 		<u> </u>	Power Loss/	Surge	Other	
	Ripples in Bend Drill Holes				Offset								
<u> </u>	Torque Waves in Extrusion Drawing				-		Calibration						
	Turning Sequence Finish					Out of Sequence							
	Mayo /Twist in Tubo					1 10	utcida	Dimoncione					

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